UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/808,429	03/25/2004	Shyh-Kwei Chen	YOR920040052US1	6945

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EXAMINER
JOHNSON, JOHNESE T

ART UNIT	PAPER NUMBER
2166	

MAIL DATE	DELIVERY MODE
06/09/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _30 March 2009_.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1 and 3-40_ is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) _1 and 3-40_ is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a)☐ All   b)☐ Some * c)☐ None of:
        1.☐ Certified copies of the priority documents have been received.
        2.☐ Certified copies of the priority documents have been received in Application No. _____.
        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 3-30-

2009 has been entered.

Remarks

2.   In response to the RCE filed on 3-30-2009, claims 1 and 3-40 are pending in this

application.

3.   The rejections under 35 USC 101 are overcome by the amendments to the

claims.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5.Claims 1 and 3-40 are rejected under 35 U.S.C. 102(b) as being anticipated by

Chandra et al. (US PG. Pub. No. 2002/0138582).

As to claim 1, Chandra discloses:

receiving an object and a collaboration code (see paragraphs 404 and 825);

determining a business object definition for said object based upon said collaboration

code (see paragraph 653); and

storing said business object definition, wherein said collaboration code determines said

business object definition for said object without pre-defined business object definitions,

if the object does not conform to a known business object definition (see paragraphs

200).

As to claim 3, Chandra discloses:

 wherein said object comprises a business object (see paragraph 617)

As to claim 4, Chandra discloses:

further comprising forwarding said object and said object definition (see paragraph 307).

As to claim 5, Chandra discloses:

wherein said forwarding comprises forwarding said object and said object definition to an application adapter (see paragraph 608).

As to claim 6, Chandra discloses:

further comprising processing said object based upon said object definition in said application adapter (see paragraph 642).

As to claim 7, Chandra discloses:

wherein said collaboration code determines how data from a second object is mapped to said object (see paragraph 341)

As to claim 8, Chandra discloses:

wherein said collaboration code determines how said object is derived from said second object (see paragraph 617).

As to claim 9, Chandra discloses:

wherein said collaboration code determines how said object is derived from said second object and a second object definition (see paragraph 617).

As to claim 10, Chandra discloses:

further comprising receiving said second object definition (see paragraph 608).

As to claim 11, Chandra discloses:

wherein said determining comprises determining said object definition for said object

based upon said collaboration code and said second object definition (see paragraph

653).

As to claim 12, Chandra discloses:

wherein said receiving comprises receiving said object and said collaboration code from

a broker (see paragraph 312).

As to claim 13, Chandra discloses:

a processor for receiving an object and a collaboration code

and for determining an object definition for said object based upon said collaboration

code,

wherein said collaboration code determines said business object definition for said

object without pre-defined business object definitions, if the object does not conform to

a known business object definition. (see rejection for claim 1)

As to claim 14, Chandra discloses:

 wherein said object comprises a business object (see paragraph 617)

As to claim 15, Chandra discloses:

 further comprising means for forwarding said object and said object definition to an

application adapter (see paragraph 608).

As to claim 16, Chandra discloses:

wherein said collaboration code determines how data from a second object is mapped

to said object (see paragraph 341)

As to claim 17, Chandra discloses:

further comprising means for receiving a second object definition, wherein said

collaboration code determines how said object is derived from said second object and

said second object definition (see paragraph 617).

As to claim 18, Chandra discloses:

wherein said means for determining comprises means for determining said object

definition for said object based upon said collaboration code and said second object

definition. (see paragraph 617).

As to claim 19, Chandra discloses:

wherein said means for receiving comprises means for receiving said object and said

collaboration code from a broker (see paragraph 312).

As to claim 20, Chandra discloses:

a processor serving <u>to execute</u> a reverse object discovery agent that receives a first

object and a collaboration code from a broker and that determines a first object

definition based upon said collaboration code, (see rejection for claim 1)

wherein said collaboration code determines said business object definition for said first

object without pre-defined business object definitions, if the object does not conform to

a known business object definition. (see rejection for claim 1)

As to claim 21, Chandra discloses:

a broker that receives a second object and a second object definition and that

generates said first object using said collaboration code (see paragraph 312).

As to claim 22, Chandra discloses:

 wherein said collaboration code determines how said first object is derived from said

second object (see paragraph 617).

As to claim 23, Chandra discloses:

wherein said collaboration code determines how said first object is derived from second

object and said second object definition(see paragraph 617).

As to claim 24, Chandra discloses:

an application adapter that receives said first object and said first object definition from

said reverse object discovery agent. (see paragraph 608).

As to claim 25, Chandra discloses:

determining whether an object conforms to a known business object definition;

requesting a collaboration code and an input object definition if said object does not

conform to a known object definition (see paragraphs 200);

receiving said collaboration code and said input object definition; and storing said

collaboration code and said input object definition, wherein said collaboration code

determines said business object definition for said object without pre-defined business

object definitions, if said object does not conform to the known object definition (see

paragraphs , 612, 653, and 200)

As to claim 26, Chandra discloses:

further comprising analyzing said collaboration code and said input object definition (see

paragraph 200).

As to claim 27, Chandra discloses:

further comprising creating a new object definition based upon the results of said

analyzing (see paragraph 653).

As to claim 28, Chandra discloses:

further comprising forwarding said object if said object conforms to a known object

definition (see paragraph 200).

As to claim 29, Chandra discloses:

wherein said object comprises a business object (see paragraph 617).

As to claim 30, Chandra discloses:

further comprising forwarding said new object definition to an application adapter (see

paragraph 608).

As to claim 31, Chandra discloses:

further comprising receiving a subscription from said application adapter for said new

object definition (see paragraph 546).

As to claim 32, Chandra discloses:

further comprising forwarding said object in response to said subscription (see

paragraph 546).

As to claim 33, Chandra discloses:

integrating computer-readable code into a computing system, the computer-readable

code comprising (see paragraph 200)

instructions for receiving an object and a collaboration code (see claim 1);

instructions for determining a business object definition for said object based upon said

collaboration code (see claim 1); and

instructions for storing said business object definition (see claim 1),

wherein said collaboration code determines said business object definition for said

object without pre-defined business object definitions, if the object does not conform to

a known business object definition (see claim 1).

As to claim 35, Chandra discloses:

wherein said object comprises a business object (see paragraph 617)

As to claim 36, Chandra discloses:

further comprising instructions for forwarding said new object definition to an application

adapter (see paragraph 608).

As to claim 37, Chandra discloses:

further comprising instructions for receiving a subscription from said application adapter

for said new object definition (see paragraph 546).

As to claim 38, Chandra discloses:

further comprising instructions for forwarding said object in response to said

subscription (see paragraph 546).

As to claim 39, Chandra discloses:

wherein said collaboration code comprise dynamically generated business object newly

discovered during runtime(see paragraphs 295 and 299).

As to claim 40, Chandra discloses:

wherein the means for receiving the object and the object and the collaboration code,

the means for determining whether the object conforms to the known business object

definition, and the means for determining the object definition for said object based on

said collaboration code comprise a reverse object discovery agent means (see

paragraph 200)

Response to Arguments

6.   Applicant's arguments with respect to claims 1 and 3-40 have been considered

but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Johnese Johnson whose telephone number is 571-270-

1097. The examiner can normally be reached on 4/5/9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Hosain Alam can be reached on 571-272-3978. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/J. J./
Examiner, Art Unit 2166

June 8, 2009
JJ

/Isaac M. Woo/
Primary Examiner, Art Unit 2166